

***Amendments to the Claims***

The listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently amended): A hydraulic drive vehicle, comprising:
  - a hydraulic transmission;
  - an electronic actuator for changing an output/input rotation speed ratio of the hydraulic transmission; and
  - a controller of the actuator for memorizing a command current value for the actuator supposing that load is not applied on the hydraulic transmission, and for calculating a value of load applied on the hydraulic transmission by calculating a difference between an actual command current value for the actuator and the memorized command current value.
2. (Original): A hydraulic drive vehicle according to claim 1, further comprising:
  - a differential mechanism which combines rotation powers of input side and output side of the hydraulic transmission.
3. (Currently amended): A hydraulic drive vehicle according to claim 1 [[ or 2]], wherein a command current value is compensated based on the value of load applied on the hydraulic transmission, and the actuator is controlled by feedback control method.
4. (Currently amended): A hydraulic drive vehicle according to ~~one of claims~~ claim 1 [[to 3]], further comprising:

a PTO shaft, wherein a value of load applied on the PTO shaft is calculated based on load applied on the hydraulic transmission and load applied on an engine.

Claims 5-17. (Cancelled)

18. (New): A hydraulic drive vehicle according to claim 2, wherein a command current value is compensated based on the value of load applied on the hydraulic transmission, and the actuator is controlled by feedback control method.

19. (New): A hydraulic drive vehicle according to claim 2, further comprising:  
a PTO shaft, wherein a value of load applied on the PTO shaft is calculated based on load applied on the hydraulic transmission and load applied on an engine.

20. (New): A hydraulic drive vehicle according to claim 3, further comprising:  
a PTO shaft, wherein a value of load applied on the PTO shaft is calculated based on load applied on the hydraulic transmission and load applied on an engine.